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(54) Title: POLYPEPTIDE METHODS AND MEANS

(57) **Abstract:** The structure of a RAD51-BRC repeat sequence complex structure is provided. The structure can be used in model-  
ling the interaction of molecular structures such as potential pharmaceutical compounds. Mutant RAD51 and BRCA2 polypeptides  
and RAD51-BRC repeat sequence chimaera proteins and are also provided. The mutants may be used in assays for finding com-  
pounds which interact with or form part of a RAD51 pathway, and the chimaeras can be used to form crystals which may be analysed  
by X-ray crystallography.



WO 2004/035621 A2